



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

**MAR 10 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 6309  
(FOURTH REVISION)

EXPIRATION DATE: February 28, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Foam Supplies, Inc.  
Earth City, MO
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain non-flammable compressed gases in a non-DOT specification portable tank described in paragraph 7 below. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.315(a)(1), 174.63(b).
5. BASIS: This exemption is based on the application of Foam Supplies, Inc. dated February 22, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Compressed gases, n.o.s.	2.2	UN1956	n/a

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7. SAFETY CONTROL MEASURES:

- a. PACKAGING - Packaging prescribed is a non-DOT specification steel portable tank with a nominal water capacity of not over 1,050 gallons, except tanks having National Board Nos. 157646 and 157647 with a nominal water capacity of 1,850 gallons, and a minimum design pressure of 250 psig. Each tank must be fabricated in accordance with the ASME Code and must comply with Olin Plastics drawing #630010, dated September 9, 1969, or American Bridge drawing #235814, Revision A, dated June 18, 1968. No new construction is authorized.
- b. Each tank must be equipped with at least one safety relief valve so arranged to discharge upward and unobstructed to the outside of the protective housing.
- c. Safety relief valves on any tank must be set to start-to-discharge at a pressure not in excess of 110% of the design pressure of the tank and must have a total relieving capacity sufficient to prevent a maximum pressure in the tank of more than 120% of the design pressure.
- d. The tank must be mounted on wheels. If so mounted, it must be the responsibility of the shipper to adequately secure the vehicle to ensure compliance with § 177.834(g) under conditions normally incident to transportation. As an alternative, the carrier may provide vehicles specially designed to handle such wheeled tanks.
- e. Each wheeled tank must be equipped with adequate tie down devices. These devices can be at each end of the tank with minimum strength equal to the weight of the container fully loaded or they can be affixed to the tank chassis with strength equal to twice the weight of the container fully loaded.
- f. Each tank that is permanently mounted on a motor vehicle must comply with § 178.337-10.
- g. The maximum authorized filling density is 95%.
- h. The maximum authorized pressure in the tank at 70°F is 100 psig.
- i. Each portable tank must be plainly marked on both sides near the middle, in letters and numerals at least two inches high on a contrasting background "DOT-E 6309".

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j. Each portable tank must be reinspected and retested once every 5 years in accordance with § 173.32(e) as prescribed for DOT specification 51 portable tanks.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. Portable tanks may not be transported in trailer on flatcar (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration (FRA). Portable tanks may be transported in container-on-flatcar (COFC) service only under the following conditions:

1. Portable tanks must be equipped to be securely attached to a railcar equipped with an ISO standard COFC basic pedestal system designed for container support and securement;

2. Each railcar used to transport portable tanks must be equipped with a cushioning system that meets the requirements of the Association of American Railroad Specification M-952-82; and

3. Shipments made under this exemption must be in accordance with § 174.84.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

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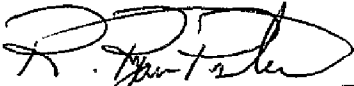
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

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Copies of exemptions may be obtained from the AAHMS, U.S.  
Department of Transportation, 400 7th Street, Washington, DC  
20590-0001, Attention: Docket Section, 202-366-5046.

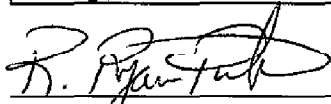
Dist: FHWA, FRA

PO: AM(00)

MAR 30 2000

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
General Latex and Chemical Corp. (of GA) Dalton, GA	Mar 13, 2000	MAR 30 2000	Feb 28, 2002
IPI International, Inc. West Chicago, IL	Oct 12, 1998	Dec 14, 1998	May 31, 2000
IPI International, Inc. Elkton, MD	Oct 12, 1998	Nov 25, 1998	May 31, 2000
IPI South Central, Inc. Monticello, AR	Oct 12, 1998	Dec 14, 1998	May 31, 2000
IPI International, Inc. Sarasota, FL	Oct 12, 1998	Dec 14, 1998	May 31, 2000
IPI West, Inc. Sun Valley, CA	Oct 12, 1998	Dec 14, 1998	May 31, 2000
North Carolina Foam Industries (NCFI) Mount Airy, NC	Jul 10, 1998	Aug 14, 1998	May 31, 2000

  
For Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety